

ABSTRACT OF THE DISCLOSURE

There is provided an image forming apparatus such as a latent image forming apparatus, in which the density of a half tone is stable independent on a write position of a main scanning line, even if a plurality of semiconductor lasers are used. The image forming apparatus has a latent image forming unit for pulse-width-modulating a drive signal of the semiconductor laser in response to the write position of image data.

5 The latent image forming unit has an image sorting circuit for sorting the image data into an odd line and an even line, a memory for storing a turning on position, a pulse generating position control circuit for generating a pulse generating position signal, a

10 PWM circuit for generating a triangular wave in accordance with the pulse generating position signal, and a beam-A-circuit and a beam-B-circuit, which control beams from the semiconductor laser.

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